REVOCATION OF PRIOR POWERS OF ATTORNEY

APPOINTMENT OF NEW POWERS OF ATTORNEY

AND

CHANGE OF CORRESPONDENCE ADDRESS

in re

Applicant/Patent Owner: **SIEMENS VDO AUTOMOTIVE CORPORATION**

Application No.: **10/642,391** Filing Date: **8/14/2003**

Publication No.: **2004-0227231** Publication Date: **11/18/2004**

Patent No.: **6906404** Issue Date: **6/14/2005**

Entitled: **Power Module With Voltage Overshoot Limiting**

Siemens VDO Automotive Corporation, a Delaware corporation, as assignee of the entire right, title, and interest in the patent application/patent identified above by virtue of an assignment averred per the attached Statement Under 37 CFR 3.73(b) , hereby:

a) revokes all previous powers of attorney given in the above-identified application.

b) appoints all Practitioners associated with the Customer Number: 028524 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

c) requests change the correspondence address for the above-identified application to the address associated with the above-mentioned Customer Number.

19 July 2007

Laura M. Slenzak
Assistant Secretary for Intellectual Property Matters
Siemens VDO Automotive Corporation

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: **SIEMENS VDO AUTOMOTIVE CORPORATION**

Application No.: **10/642,391** Filing Date: **8/14/2003**

Publication No.: **2004-0227231** Publication Date: **11/18/2004**

Patent No.: **6906404** Issue Date: **6/14/2005**

Entitled: **Power Module With Voltage Overshoot Limiting**

Siemens VDO Automotive Corporation, a Delaware corporation, states that it is: the assignee of the entire right, title, and interest in the patent application/patent identified above by virtue of an assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at **Reel 019077**, **Frame 0840**, for which a copy thereof is attached.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was already submitted for recordation pursuant to 37 CFR 3.11.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

19 July 2007

Laura M. Slenzak
Assistant Secretary for Intellectual Property Matters
Siemens VDO Automotive Corporation

United States Patent and Trademark Office

Patent Assignment Details

NOTE:Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Reel/Frame: 019077/0840 **Pages:** 7

Recorded: 3/28/2007

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Total properties: 104

1	**Patent #:**	5402059	**Issue Dt:**	3/28/1995	**Application #:**	8193587	**Filing Dt:**	2/8/1994
	Title: SWITCHING POWER SUPPLY OPERATING AT LITTLE OR NO LOAD							
2	**Patent #:**	5469351	**Issue Dt:**	11/21/1995	**Application #:**	8270967	**Filing Dt:**	7/5/1994
	Title: FAULT ISOLATION IN AN INDUCTION MOTOR CONTROL SYSTEM							
3	**Patent #:**	5552977	**Issue Dt:**	9/3/1996	**Application #:**	8493221	**Filing Dt:**	6/20/1995
	Title: THREE PHASE INVERTER CIRCUIT WITH IMPROVED TRANSITION FROM SVPWM TO SIX STEP OPERATION							
4	**Patent #:**	5627446	**Issue Dt:**	5/6/1997	**Application #:**	8498163	**Filing Dt:**	7/5/1995
	Title: INDUCTION MOTOR CONTROL METHOD							
5	**Patent #:**	5619435	**Issue Dt:**	4/8/1997	**Application #:**	8558950	**Filing Dt:**	11/13/1995
	Title: MACHINE							
6	**Patent #:**	5739664	**Issue Dt:**	4/14/1998	**Application #:**	8596846	**Filing Dt:**	2/5/1996
	Title: INDUCTION MOTOR DRIVE CONTROLLER							
7	**Patent #:**	5754026	**Issue Dt:**	5/19/1998	**Application #:**	8825986	**Filing Dt:**	4/4/1997
	Title: INDUCTION MOTOR CONTROL METHOD							
8	**Patent #:**	5821720	**Issue Dt:**	10/13/1998	**Application #:**	8846442	**Filing Dt:**	4/30/1997
	Title: BACKLASH ELIMINATION IN THE DRIVETRAIN OF AN ELECTRIC VEHICLE							
9	**Patent #:**	5994859	**Issue Dt:**	11/30/1999	**Application #:**	8848206	**Filing Dt:**	4/30/1997
	Title: TORSIONAL OSCILLATION COMPENSATION IN THE DRIVETRAIN OF A MOTOR VEHICLE							
10	**Patent #:**	6072297	**Issue Dt:**	6/6/2000	**Application #:**	8926415	**Filing Dt:**	9/9/1997
	Title: VIBRATION DETECTION AND CONTROL FOR A VEHICLE DRIVETRAIN							
11	**Patent #:**	6047787	**Issue Dt:**	4/11/2000	**Application #:**	9017934	**Filing Dt:**	2/3/1998
	Title: VOLTAGE CONTROL METHOD FOR AN ELECTRIC MOTOR CONTROL SYSTEM							
12	**Patent #:**	5977679	**Issue Dt:**	11/2/1999	**Application #:**	9034946	**Filing Dt:**	3/5/1998
	Title: POLE-PHASE MODULATED TOROIDAL WINDING FOR AN INDUCTION MACHINE							
13	**Patent #:**	5905349	**Issue Dt:**	5/18/1999	**Application #:**	9064237	**Filing Dt:**	4/23/1998
	Title: METHOD OF CONTROLLING ELECTRIC MOTOR TORQUE IN AN ELECTRIC VEHICLE							
14	**Patent #:**	5965967	**Issue Dt:**	10/12/1999	**Application #:**	9110353	**Filing Dt:**	7/6/1998
	Title: ROTOR FOR AN ELECTRICAL MACHINE							
15	**Patent #:**	6246343	**Issue Dt:**	6/12/2001	**Application #:**	9263303	**Filing Dt:**	3/5/1999
	Title: INCREMENT ENCODER FAILURE DETECTION							
16	**Patent #:**	6122588	**Issue Dt:**	9/19/2000	**Application #:**	9420465	**Filing Dt:**	10/19/1999
	Title: VEHICLE SPEED CONTROL WITH CONTINUOUSLY VARIABLE BRAKING TORQUE							
17	**Patent #:**	6307275	**Issue Dt:**	10/23/2001	**Application #:**	9495443	**Filing Dt:**	1/31/2000
	Title: COUPLED TO AN INDUSTRIAL TURBO ENGINE							
18	**Patent #:**	6377019	**Issue Dt:**	4/23/2002	**Application #:**	9499366	**Filing Dt:**	2/10/2000
	Title: PEAK TORQUE PER AMPERE METHOD FOR INDUCTION MOTOR VECTOR CONTROL							

United States Patent and Trademark Office

Patent Assignment Details

NOTE:Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Reel/Frame: 019077/0840 **Pages:** 7

Recorded: 3/28/2007

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Total properties: 104

19	**Patent #:**	6239575	**Issue Dt:**	5/29/2001	**Application #:**	9502869	**Filing Dt:**	2/11/2000
	Title: Induction motor power/torque clamping for electric vehicle performance							
20	**Patent #:**	6330143	**Issue Dt:**	12/11/2001	**Application #:**	9512480	**Filing Dt:**	2/23/2000
	Title: Automatic over-current protection of transistors							
21	**Patent #:**	6169679	**Issue Dt:**	1/2/2001	**Application #:**	9532796	**Filing Dt:**	3/21/2000
	Title: Method and system for synchronizing the phase angles of parallel connected inverters							
22	**Patent #:**	6291960	**Issue Dt:**	9/18/2001	**Application #:**	9533296	**Filing Dt:**	3/22/2000
	Title: Pulse width modulated motor control system and method for reducing noise vibration and harshness							
23	**Patent #:**	6327524	**Issue Dt:**	12/4/2001	**Application #:**	9561546	**Filing Dt:**	4/28/2000
	Title: System for high efficiency motor control							
24	**Patent #:**	6366049	**Issue Dt:**	4/2/2002	**Application #:**	9567592	**Filing Dt:**	5/10/2000
	Title: Motor starter and speed controller system							
25	**Patent #:**	6178103	**Issue Dt:**	1/23/2001	**Application #:**	9567965	**Filing Dt:**	5/10/2000
	Title: Method and circuit for synchronizing parallel voltage source inverters							
26	**Patent #:**	6212085	**Issue Dt:**	4/3/2001	**Application #:**	9593613	**Filing Dt:**	6/13/2000
	Title: Integrated dual voltage sourced inverter							
27	**Patent #:**	6362988	**Issue Dt:**	3/26/2002	**Application #:**	9606865	**Filing Dt:**	6/29/2000
	Title: OPERATION WITH A GRID							
28	**Patent #:**	6239997	**Issue Dt:**	5/29/2001	**Application #:**	9653478	**Filing Dt:**	9/1/2000
	Title: Method and system for connecting and synchronizing a supplemental power source to a power grid							
29	**Patent #:**	6388419	**Issue Dt:**	5/14/2002	**Application #:**	9653654	**Filing Dt:**	9/1/2000
	Title: Motor control system							
30	**Patent #:**	6572416	**Issue Dt:**	6/3/2003	**Application #:**	9682976	**Filing Dt:**	11/5/2001
	Publication #: US20030087560		**Pub Dt:**	5/8/2003				
	Title: THREE-PHASE CONNECTOR FOR ELECTRIC VEHICLE DRIVETRAIN							
31	**Patent #:**	6646837	**Issue Dt:**	11/11/2003	**Application #:**	9682994	**Filing Dt:**	11/6/2001
	Publication #: US20020190580		**Pub Dt:**	12/19/2002				
	Title: ACTIVE GROUND CURRENT REDUCTION DEVICE							
32	**Patent #:**	6744158	**Issue Dt:**	6/1/2004	**Application #:**	9683018	**Filing Dt:**	11/8/2001
	Publication #: US20020089244		**Pub Dt:**	7/11/2002				
	Title: ELECTRIC MACHINE WITH COOLING RINGS							
33	**Patent #:**	6631960	**Issue Dt:**	10/14/2003	**Application #:**	9683171	**Filing Dt:**	11/28/2001
	Publication #: US20030132664		**Pub Dt:**	7/17/2003				
	Title: SERIES REGENERATIVE BRAKING TORQUE CONTROL SYSTEMS AND METHODS							
34	**Patent #:**	6496393	**Issue Dt:**	12/17/2002	**Application #:**	9683172	**Filing Dt:**	11/28/2001
	Title: INTEGRATED TRACTION INVERTER MODULE AND BI-DIRECTIONAL DC/DC CONVERTER							
35	**Patent #:**	6465977	**Issue Dt:**	10/15/2002	**Application #:**	9683176	**Filing Dt:**	11/29/2001

United States Patent and Trademark Office

Patent Assignment Details

NOTE:Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Reel/Frame: 019077/0840 **Pages:** 7

Recorded: 3/28/2007

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Total properties: 104

Title: SYSTEM AND METHOD FOR CONTROLLING TORQUE IN AN ELECTRICAL MACHINE

36	**Patent #:**	6630809	**Issue Dt:**	10/7/2003	**Application #:**	9683180	**Filing Dt:**	11/29/2001
	Publication #:	US20030098665	**Pub Dt:**	5/29/2003				
	Title: SYSTEM AND METHOD FOR INDUCTION MOTOR CONTROL							
37	**Patent #:**	6639334	**Issue Dt:**	10/28/2003	**Application #:**	9683199	**Filing Dt:**	11/30/2001
	Publication #:	US20030102728	**Pub Dt:**	6/5/2003				
	Title: JET IMPINGEMENT COOLING OF ELECTRIC MOTOR END-WINDINGS							
38	**Patent #:**	6452352	**Issue Dt:**	9/17/2002	**Application #:**	9705236	**Filing Dt:**	11/2/2000
	Title: CURRENT GENERATING SYSTEM							
39	**Patent #:**	6445095	**Issue Dt:**	9/3/2002	**Application #:**	9758871	**Filing Dt:**	1/11/2001
	Publication #:	US20020089242	**Pub Dt:**	7/11/2002				
	Title: ELECTRIC MACHINE WITH LAMINATED COOLING RINGS							
40	**Patent #:**	6636429	**Issue Dt:**	10/21/2003	**Application #:**	9957001	**Filing Dt:**	9/20/2001
	Publication #:	US20020126465	**Pub Dt:**	9/12/2002				
	Title: LEVEL							
41	**Patent #:**	6793502	**Issue Dt:**	9/21/2004	**Application #:**	9957047	**Filing Dt:**	9/20/2001
	Publication #:	US20020111050	**Pub Dt:**	8/15/2002				
	Title: PRESS (NON-SOLDERED) CONTACTS FOR HIGH CURRENT ELECTRICAL CONNECTIONS IN POWER MODULES							
42	**Patent #:**	6845017	**Issue Dt:**	1/18/2005	**Application #:**	9957568	**Filing Dt:**	9/20/2001
	Publication #:	US20020118560	**Pub Dt:**	8/29/2002				
	Title: SUBSTRATE-LEVEL DC BUS DESIGN TO REDUCE MODULE INDUCTANCE							
43	**Patent #:**	6707270	**Issue Dt:**	3/16/2004	**Application #:**	10010307	**Filing Dt:**	11/13/2001
	Publication #:	US20030090226	**Pub Dt:**	5/15/2003				
	Title: SYSTEM AND METHOD FOR INDUCTION MOTOR CONTROL							
44	**Patent #:**	7012810	**Issue Dt:**	3/14/2006	**Application #:**	10109555	**Filing Dt:**	3/27/2002
	Publication #:	US20020167828	**Pub Dt:**	11/14/2002				
	Title: LEADFRAME-BASED MODULE DC BUS DESIGN TO REDUCE MODULE INDUCTANCE							
45	**Patent #:**	6919650	**Issue Dt:**	7/19/2005	**Application #:**	10159603	**Filing Dt:**	5/31/2002
	Publication #:	US20030222507	**Pub Dt:**	12/4/2003				
	Title: HYBRID SYNCHRONIZATION PHASE ANGLE GENERATION METHOD							
46	**Patent #:**	6700342	**Issue Dt:**	3/2/2004	**Application #:**	10208251	**Filing Dt:**	7/29/2002
	Publication #:	US20030030395	**Pub Dt:**	2/13/2003				
	Title: LIMITED POSITION INFORMATION							
47	**Patent #:**	6815925	**Issue Dt:**	11/9/2004	**Application #:**	10293911	**Filing Dt:**	11/12/2002
	Publication #:	US20040090205	**Pub Dt:**	5/13/2004				
	Title: SYSTEMS AND METHODS FOR ELECTRIC MOTOR CONTROL							
48	**Patent #:**	6778411	**Issue Dt:**	8/17/2004	**Application #:**	10298473	**Filing Dt:**	11/18/2002
	Publication #:	US20040095786	**Pub Dt:**	5/20/2004				
	Title: STARTUP APPARATUS AND METHOD FOR POWER CONVERTERS							

United States Patent and Trademark Office

Patent Assignment Details

NOTE:Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Reel/Frame: 019077/0840 **Pages:** 7

Recorded: 3/28/2007

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Total properties: 104

49 **Patent #:** 6714424 **Issue Dt:** 3/30/2004 **Application #:** 10306833 **Filing Dt:** 11/27/2002
Publication #: US20040037097 **Pub Dt:** 2/26/2004
Title: DEAD-TIME COMPENSATION WITH NARROW PULSE ELIMINATION IN SOLID-STATE SWITCH DEVICES

50 **Patent #:** 6861835 **Issue Dt:** 3/1/2005 **Application #:** 10309793 **Filing Dt:** 12/3/2002
Publication #: US20040104718 **Pub Dt:** 6/3/2004
Title: METHOD AND SYSTEM FOR NON-INVASIVE POWER TRANSISTOR DIE VOLTAGE MEASUREMENT

51 **Patent #:** 7106564 **Issue Dt:** 9/12/2006 **Application #:** 10328934 **Filing Dt:** 12/23/2002
Publication #: US20030147191 **Pub Dt:** 8/7/2003
Title: DEVICES AND METHODS FOR DETECTING ISLANDING OPERATION OF A STATIC POWER SOURCE

52 **Patent #:** 7190145 **Issue Dt:** 3/13/2007 **Application #:** 10334198 **Filing Dt:** 12/30/2002
Publication #: US20030164692 **Pub Dt:** 9/4/2003
Title: METHOD AND APPARATUS FOR IMPROVING SPEED MEASUREMENT QUALITY IN MULTI-POLE MACHINES

53 **Patent #:** 6914354 **Issue Dt:** 7/5/2005 **Application #:** 10334820 **Filing Dt:** 12/30/2002
Publication #: US20030173840 **Pub Dt:** 9/18/2003
Title: ASSEMBLY AND METHOD FOR DIRECT COOLING OF MOTOR END-WINDING

54 **Patent #:** 6853940 **Issue Dt:** 2/8/2005 **Application #:** 10345871 **Filing Dt:** 1/15/2003
Publication #: US20030165036 **Pub Dt:** 9/4/2003
Title: ANTI-ISLANDING DEVICE AND METHOD FOR GRID CONNECTED INVERTERS USING RANDOM NOISE INJECTION

55 **Patent #:** 6844701 **Issue Dt:** 1/18/2005 **Application #:** 10345872 **Filing Dt:** 1/15/2003
Publication #: US20030164028 **Pub Dt:** 9/4/2003
Title: OVERMODULATION SYSTEMS AND METHODS FOR INDUCTION MOTOR CONTROL

56 **Patent #:** 6937483 **Issue Dt:** 8/30/2005 **Application #:** 10345894 **Filing Dt:** 1/15/2003
Publication #: US20030198064 **Pub Dt:** 10/23/2003
Title: DEVICE AND METHOD OF COMMUTATION CONTROL FOR AN ISOLATED BOOST CONVERTER

57 **Patent #:** 6843749 **Issue Dt:** 1/18/2005 **Application #:** 10346554 **Filing Dt:** 1/16/2003
Publication #: US20030155165 **Pub Dt:** 8/21/2003
Title: APPARATUS AND METHOD TO ACHIEVE MULTIPLE EFFECTIVE RATIOS FROM A FIXED RATIO TRANSAXLE

58 **Patent #:** 7014928 **Issue Dt:** 3/21/2006 **Application #:** 10346561 **Filing Dt:** 1/16/2003
Publication #: US20030157379 **Pub Dt:** 8/21/2003
Title: DIRECT CURRENT/DIRECT CURRENT CONVERTER FOR A FUEL CELL SYSTEM

59 **Patent #:** 6894450 **Issue Dt:** 5/17/2005 **Application #:** 10346724 **Filing Dt:** 1/16/2003
Publication #: US20030214266 **Pub Dt:** 11/20/2003
Title: CIRCUIT CONFIGURATION FOR PERMANENT MAGNET SYNCHRONOUS MOTOR CONTROL

60 **Patent #:** 7012822 **Issue Dt:** 3/14/2006 **Application #:** 10360832 **Filing Dt:** 2/7/2003
Publication #: US20030214826 **Pub Dt:** 11/20/2003
Title: INTEGRATED TRACTION INVERTER MODULE AND DC/DC CONVERTER

61 **Patent #:** 6890218 **Issue Dt:** 5/10/2005 **Application #:** 10443646 **Filing Dt:** 5/21/2003
Publication #: US20040033729 **Pub Dt:** 2/19/2004
Title: THREE-PHASE CONNECTOR FOR ELECTRIC VEHICLE DRIVETRAIN

United States Patent and Trademark Office

Patent Assignment Details

NOTE:Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Reel/Frame: 019077/0840 **Pages:** 7

Recorded: 3/28/2007

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Total properties: 104

62 **Patent #:** 6927988 **Issue Dt:** 8/9/2005 **Application #:** 10447708 **Filing Dt:** 5/28/2003
Publication #: US20040034508 **Pub Dt:** 2/19/2004
Title: CONVERTER CIRCUITS

63 **Patent #:** 6936991 **Issue Dt:** 8/30/2005 **Application #:** 10449824 **Filing Dt:** 5/30/2003
Publication #: US20040036434 **Pub Dt:** 2/26/2004
Title: METHOD AND APPARATUS FOR MOTOR CONTROL

64 **Patent #:** 6845020 **Issue Dt:** 1/18/2005 **Application #:** 10453920 **Filing Dt:** 6/2/2003
Publication #: US20040027839 **Pub Dt:** 2/12/2004
Title: POWER CONVERTER SYSTEM

65 **Patent #:** 6867987 **Issue Dt:** 3/15/2005 **Application #:** 10461933 **Filing Dt:** 6/13/2003
Publication #: US20040252531 **Pub Dt:** 12/16/2004
Title: MULTILEVEL INVERTER CONTROL SCHEMES

66 **Patent #:** 6900643 **Issue Dt:** 5/31/2005 **Application #:** 10637754 **Filing Dt:** 8/6/2003
Publication #: US20050030045 **Pub Dt:** 2/10/2005
Title: RIDE THROUGH IN ELECTRONIC POWER CONVERTERS

67 **Patent #:** 6906404 **Issue Dt:** 6/14/2005 **Application #:** 10642391 **Filing Dt:** 8/14/2003
Publication #: US20040227231 **Pub Dt:** 11/18/2004
Title: POWER MODULE WITH VOLTAGE OVERSHOOT LIMITING

68 **Patent #:** 6987670 **Issue Dt:** 1/17/2006 **Application #:** 10642424 **Filing Dt:** 8/14/2003
Publication #: US20040228094 **Pub Dt:** 11/18/2004
Title: DUAL POWER MODULE POWER SYSTEM ARCHITECTURE

69 **Patent #:** 7058755 **Issue Dt:** 6/6/2006 **Application #:** 10658124 **Filing Dt:** 9/9/2003
Publication #: US20050055496 **Pub Dt:** 3/10/2005
Title: EEPROM EMULATION IN FLASH MEMORY

70 **Patent #:** NONE **Issue Dt:** **Application #:** 10658804 **Filing Dt:** 9/9/2003
Publication #: US20060274561 **Pub Dt:** 12/7/2006
Title: Tri-level inverter

71 **Patent #:** NONE **Issue Dt:** **Application #:** 10664808 **Filing Dt:** 9/17/2003
Publication #: US20040230847 **Pub Dt:** 11/18/2004
Title: Power converter architecture employing at least one capacitor across a DC bus

72 **Patent #:** 7019996 **Issue Dt:** 3/28/2006 **Application #:** 10688834 **Filing Dt:** 10/16/2003
Publication #: US20050083714 **Pub Dt:** 4/21/2005
Title: POWER CONVERTER EMPLOYING A PLANAR TRANSFORMER

73 **Patent #:** NONE **Issue Dt:** **Application #:** 10713552 **Filing Dt:** 11/14/2003
Publication #: US20050105229 **Pub Dt:** 5/19/2005
Title: Two-level protection for uninterrupted power supply

74 **Patent #:** 6940735 **Issue Dt:** 9/6/2005 **Application #:** 10713767 **Filing Dt:** 11/14/2003
Publication #: US20050105306 **Pub Dt:** 5/19/2005
Title: POWER CONVERTER SYSTEM

United States Patent and Trademark Office

Patent Assignment Details

NOTE:Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Reel/Frame: 019077/0840 **Pages:** 7

Recorded: 3/28/2007

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Total properties: 104

88 **Patent #:** 7046535 **Issue Dt:** 5/16/2006 **Application #:** 11003542 **Filing Dt:** 12/3/2004
Publication #: US20050152100 **Pub Dt:** 7/14/2005
Title: ARCHITECTURE FOR POWER MODULES SUCH AS POWER INVERTERS

89 **Patent #:** NONE **Issue Dt:** **Application #:** 11010560 **Filing Dt:** 12/13/2004
Publication #: US20050152101 **Pub Dt:** 7/14/2005
Title: Architecture for power modules such as power inverters

90 **Patent #:** NONE **Issue Dt:** **Application #:** 11010561 **Filing Dt:** 12/13/2004
Publication #: US20050162875 **Pub Dt:** 7/28/2005
Title: Architecture for power modules such as power inverters

91 **Patent #:** NONE **Issue Dt:** **Application #:** 11010950 **Filing Dt:** 12/13/2004
Publication #: US20060007721 **Pub Dt:** 1/12/2006
Title: Architecture for power modules such as power inverters

92 **Patent #:** NONE **Issue Dt:** **Application #:** 11095035 **Filing Dt:** 3/30/2005
Publication #: US20050253543 **Pub Dt:** 11/17/2005
Title: Method, apparatus and article for vibration compensation in electric drivetrains

93 **Patent #:** NONE **Issue Dt:** **Application #:** 11096236 **Filing Dt:** 3/30/2005
Publication #: US20050254273 **Pub Dt:** 11/17/2005
Title: Method, apparatus and article for bi-directional DC/DC power conversion

94 **Patent #:** NONE **Issue Dt:** **Application #:** 11192321 **Filing Dt:** 7/28/2005
Publication #: US20060022541 **Pub Dt:** 2/2/2006
Title: Rotor hub and assembly for a permanent magnet power electric machine

95 **Patent #:** 7187558 **Issue Dt:** 3/6/2007 **Application #:** 11245723 **Filing Dt:** 10/6/2005
Publication #: US20060028806 **Pub Dt:** 2/9/2006
Title: LEADFRAME-BASED MODULE DC BUS DESIGN TO REDUCE MODULE INDUCTANCE

96 **Patent #:** NONE **Issue Dt:** **Application #:** 11250180 **Filing Dt:** 10/12/2005
Publication #: US20070080655 **Pub Dt:** 4/12/2007
Title: Method, apparatus and article for detecting rotor position

97 **Patent #:** NONE **Issue Dt:** **Application #:** 11255162 **Filing Dt:** 10/20/2005
Publication #: US20060152085 **Pub Dt:** 7/13/2006
Title: Power system method and apparatus

98 **Patent #:** NONE **Issue Dt:** **Application #:** 11262519 **Filing Dt:** 10/27/2005
Publication #: US20070097569 **Pub Dt:** 5/3/2007
Title: System and method of over voltage control for a power system

99 **Patent #:** NONE **Issue Dt:** **Application #:** 11282301 **Filing Dt:** 11/18/2005
Publication #: US20070114954 **Pub Dt:** 5/24/2007
Title: System and method of commonly controlling power converters

100 **Patent #:** 7193860 **Issue Dt:** 3/20/2007 **Application #:** 11292870 **Filing Dt:** 12/2/2005
Publication #: US20060082983 **Pub Dt:** 4/20/2006
Title: LEADFRAME-BASED MODULE DC BUS DESIGN TO REDUCE MODULE INDUCTANCE

United States Patent and Trademark Office

Patent Assignment Details

NOTE:Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Reel/Frame: 019077/0840 **Pages:** 7

Recorded: 3/28/2007

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Total properties: 104

101 **Patent #:** NONE **Issue Dt:** **Application #:** 11317658 **Filing Dt:** 12/22/2005
Publication #: US20070147097 **Pub Dt:** 6/28/2007
Title: house keeping power supply

102 **Patent #:** NONE **Issue Dt:** **Application #:** 11318166 **Filing Dt:** 12/23/2005
Publication #: US20060099463 **Pub Dt:** 5/11/2006
Title: Direct current/direct current converter for a fuel cell system

103 **Patent #:** NONE **Issue Dt:** **Application #:** 11472486 **Filing Dt:** 6/20/2006
Publication #: US20070012492 **Pub Dt:** 1/18/2007
Title: Power generation system suitable for hybrid electric vehicles

104 **Patent #:** NONE **Issue Dt:** **Application #:** 11480311 **Filing Dt:** 6/29/2006
Publication #: US20070016340 **Pub Dt:** 1/18/2007
Title: Controller method, apparatus and article suitable for electric drive

Assignor

1 BALLARD POWER SYSTEMS CORPORATION

Assignee

1 SIEMENS VDO AUTOMOTIVE CORPORATION
2400 EXECUTIVE HILLS BLVD.
AUBURN HILLS, MICHIGAN 48326-2980

Correspondence name and address

ELSA KELLER
SIEMENS CORPORATION INTELLECTUAL ET AL
170 WOOD AVENUE SOUTH
ISELIN, NJ 08830

Search Results as of: 07/19/2007 02:11 PM

If you have any comments or questions concerning the data displayed, contact PRD / Assignments at 571-272-3350 v.2.0.1

Web interface last modified: April 20, 2007 v.2.0.1